

Abstract:

Hydraulic Vehicle Brake

The invention relates to a hydraulic vehicle brake, in particular for motor vehicles, including a brake housing in which a hydraulic working pressure chamber is delimited by a brake piston, wherein the brake piston, in the applied condition, can be locked by means of a locking device, locking thereof being allowed by a relative movement of a force-transmitting element, wherein an energy accumulator cooperating with the brake piston is provided, which is comprised of a lockable accumulator pressure chamber, an accumulator piston delimiting the accumulator pressure chamber, and at least one spring element being supported on the accumulator piston.

To perform a parking brake operation, the locking device is activated in that the force-transmitting element after a hydraulic pressure buildup is arrested by an electromagnetic or electromechanical actuator so that a relative movement between the accumulator pressure chamber and the force-transmitting element is rendered possible.

(Figure 1)